REMARKS/ARGUMENTS

In view of the amendments and remarks herein, favorable reconsideration and allowance of this application are respectfully requested. By this Amendment, claims 1-4 have been canceled without prejudice or disclaimer. Thus, claims 5-28 are pending for further examination.

Claims 5, 12-14, 17-19 and 22-24 have been rejected under 35 USC 102(a) as being anticipated by Fielder. For at least the following reasons, Applicant respectfully submits that these claims are not anticipated by Fielder. Thus, reconsideration and withdrawal of this rejection are respectfully requested.

Fielder discloses a single chip frame buffer and graphics accelerator that enables "full motion video to be input in a variety of different standard formats, including GREY8, RGB332, RGB565, RGB555, ARGB8888, LUT8, RGB888, YUV411, YUV422 and YUV 420, as well as other formats." (Col. 3, lines 15-17). However, Fielder does not disclose an embedded frame buffer that is selectively configurable to received data in any of the following specific formats: point sampled color and depth; super-sampled color and depth; and YUV, as required by claim 5. In addition, Fielder also fails to disclose an embedded frame buffer for storing frame data prior to sending the frame data to an external location, wherein the embedded frame buffer is selectively configurable between the following specific pixel formats: RGB8 and 24 bit Z; RGBA6 and 24 bit Z; three R5G6B5 color and 16 bit Z super-samples; and YUV 4:2:0, as required by claim 14. Similarly, Fielder fails to disclose a reconfigurable embedded

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frame buffer which can be selectively configured to store any of the following specific pixel formats: 48 bit point sampled color and Z; 96 bit super-sampled color and Z; and YUV, as required by claim 19. In addition, there is no teaching or suggestion in Fielder to enable the format to be changed on a frame-by-frame basis as required by claims 18 and 24.

While Fielder does indicate that various formats can be used for providing full-motion video, this reference does not teach or suggest the particular formats or particular combination of formats defined in the pending independent claims. Thus, Applicant respectfully submits that Fielder does not identically disclose each and every feature of the claimed invention, as required for anticipation under Section 102. Thus, reconsideration and withdrawal of this rejection are respectfully requested.

Applicant also traverses the rejections on the remaining dependent claims as failing to be supported by the cited combination of references. The dependency on the base claims, as well as the additional limitations provided by the dependent claims, define a specific combination of features not taught or suggested by any of the prior art of record. Thus, Applicant believes that all of the pending claims are allowable over the prior art of record.

In view of the amendments and remarks herein, favorable reconsideration and allowance of this application are earnestly solicited. Should the Examiner have any questions regarding this case, or deem that any further issues need to be addressed prior
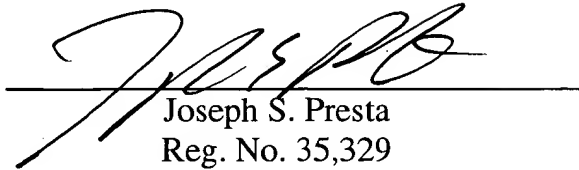
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to allowance, the Examiner is invited to call the undersigned attorney at the phone numer

below.

Respectfully submitted,

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